ECS Configuration Change Request

CCR No. 98-0700	Logged Date 6-11-98	Rev. -	Request Type CCR
Priority Routine [X] ☐ Emergency ☐		Affected Release 2.0	Change Class II

Title (description)
Baseline BDS 2.0 for HiPPI SGI platforms

Documents Affected	Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference
COTS Version baseline SGI Patch baseline	None

RTM Change ☐ **Start New Baseline** ☐

Problem
NFS v3 alone does not provide sufficient performance required for the Data Server and PDPS SGI subsystems.

Proposed Solution
SGI BDS 2.0 has been evaluated and tested over a HiPPI communications fabric and found to significantly improve performance.

The release consists of: BDS 2.0, SGI patches 2069, 2143, 2956, and 2685 and a modification to the file /var/sysgen/master.d and changing tcp_sendspace and tcp_recvspace to 256x1024.

Impact Analysis:

Organizations Affected:

BOO ☐	Contracts ☐	ECS Chief Eng ☐	FOS ☐	M&O [X]
Procurement ☐	QO ☐	Rel. Dev ☐	Rel. A ☐	Rel. C ☐	SCDO Arch. ☐
Science Off ☐	Security ☐	Subcontrct ☐	Sys. Eng [X]	Sys Verf Acpt ☐

Cost:	None [X]	Small ☐	Medium ☐	Large ☐
		(Not exceeding $100,000)	($100,000 to $500,000)	(Over $500,000)

Schedule: None [X]   Other

Additional LOC _____   Man-Months _____

Materials _____

Originator Byron V. Peters	Signature	06/11 98 Date
Office SEP Office Manager	Signature	6/11/98 Date

Disposition Approved [X]   Approved w/Comment ☐   Forward ☐   Disapproved ☐

Comments:

CCB Chairperson _____ Signature _____ 6/15/98 Date

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